

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-293867

(43)Date of publication of application : 05.11.1996

(51)Int.Cl.

H04L 12/28
H04Q 3/00

(21)Application number : 07-097055

(71)Applicant : NIPPON TELEGR & TELEPH CORP <NTT>

(22)Date of filing : 21.04.1995

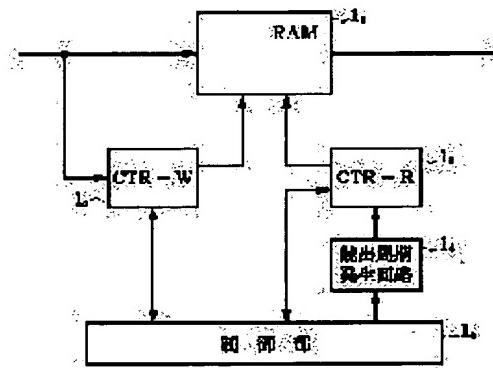
(72)Inventor : YAMANAKA NAOAKI
GENDA KOICHI
KURIMOTO TAKASHI

(54) CELL INTERVAL CONTROLLER

(57)Abstract:

PURPOSE: To attain miniaturization by providing some threshold values for a cell storing quantity in a buffer and controlling the read-out speed of a reading control circuit corresponding to whether the quantity is over the threshold values or not so as to reduce the too much and too little capacity of the buffer.

CONSTITUTION: The threshold values (Th1 to Th3) are provided for the cell storing quantity Q of buffer RAM 11 so that a control part 15 detects the present quantity Q from the difference between writing and reading addresses by means of reading counters 12 and 13. Next, the control part 15 judges comparing whether the quantity Q is over Th3 or not so as to read a cell by the reading period T4 of a reading period generation circuit 14 when quantity Q is over Th3 and to continuously judge whether quantity Q is over Th2 or not when the quantity Q is not over Th3. Corresponding to this result, the control part 15 reads the cell by a reading period T3 when the quantity Q is over Th1 and next, when the quantity Q is not over Th1, reads the cell by reading periods T2 by judging whether the quantity Q is over Th1 or not. Thereby, the too much and too little capacity of RAM 11 is reduced so that excessive quantity Q isunnecessary, miniaturization is possible and scrapping cell is reduced.



LEGAL STATUS

[Date of request for examination] 24.12.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

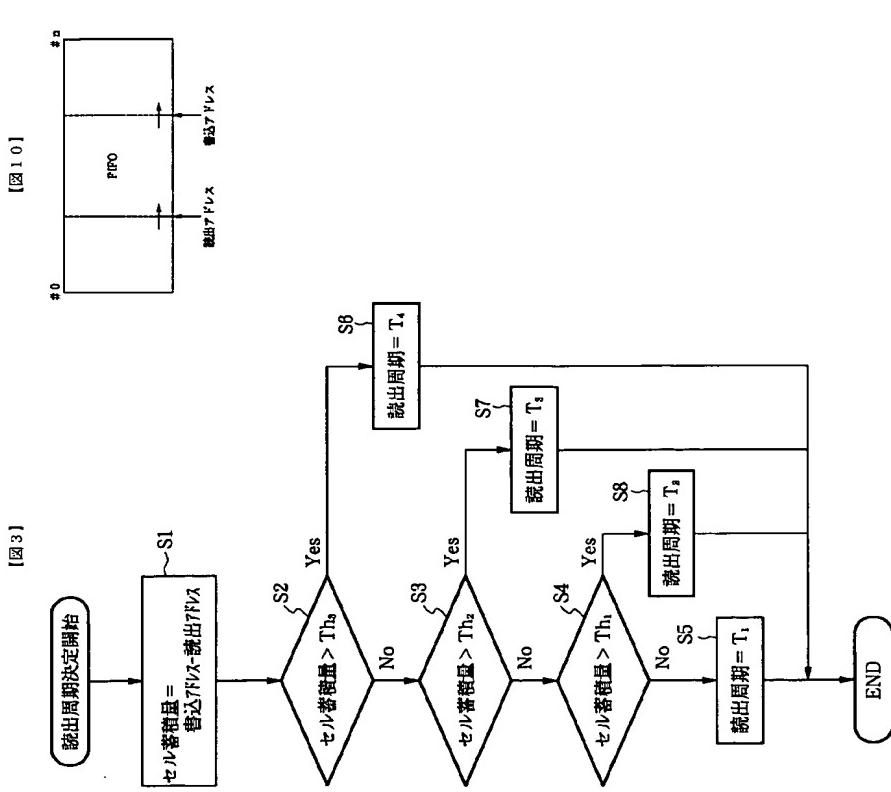
[Patent number] 3080351

[Date of registration] 23.06.2000

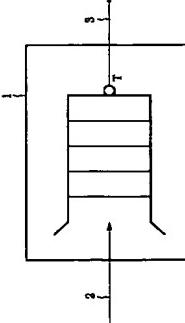
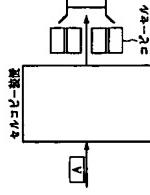
[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

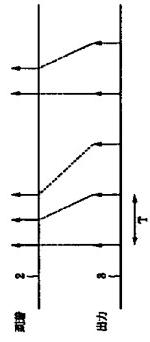
[Date of extinction of right]



[図6]



[図8]



[図9]

